



TP-126-od

Computer Graphics Video, Stereo Audio & Bidirectional RS-232 over Twisted Pair Receiver with EMP Protection



The TP-126-od is a twisted pair receiver for computer graphics video, unbalanced stereo audio and bidirectional RS-232 data signals. The unit receives a twisted pair signal from the TP-125-od transmitter and converts it back to computer graphics video, audio, and RS-232 data signals.

FEATURES

- Max. Resolution - WUXGA or 1080p.
- HDTV Compatible.
- EMP Protection - Protected from voltage surges induced by the electromagnetic field of nearby lightning. The system does not protect against direct lightning strikes.
- Twisted Pair Connectors - RJ-45 connectors.
- Audio Outputs - Unbalanced stereo and S/PDIF (24-bit 48kHz) simultaneously.
- Level (Gain) & EQ (Peaking) Controls.
- Horizontal and Vertical Polarity Selection.
- System Range - Up to 100m (300ft). Greater distances possible depending on signal resolution and cable.
- Bidirectional RS-232. - Maximum bitrate 19.2kbps.
- RS-232 Connect™ System - The unit can send RS-232 commands on the twisted pair cable together with the video signal.
- Compact Kramer TOOLS™ - Three units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



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TECHNICAL SPECIFICATIONS

INPUTS:	1 RJ-45 LINE IN connector.
OUTPUTS:	Video: 1 UXGA on a 15-pin HD connector; Audio: 1 S/PDIF on an RCA connector, 1 audio ANALOG on a 3.5mm mini jack.
MAX. OUTPUT LEVEL:	Video: 1.6V, Audio: 2.3V.
CONTROLS:	Level: -7.5dB to +4.4dB, EQ.: 0dB to +33dBm (130m) @50MHz.
RS-232 BAUD RATE:	Up to 19200bps.
RS-232 MODE:	Full-duplex.
BANDWIDTH:	Audio: 20Hz-20kHz @0.5dB.
S/N RATIO:	Audio: <-80dB.
TOTAL GAIN:	Audio: Analog/analog: 0dB.
Analog/SPDIF:	-12dBFS.
COUPLING:	AC.
THD+N:	Audio: <0.01%.
POWER CONSUMPTION:	12V DC, 210mA.
DIMENSIONS:	12.1cm x 7.18cm x 2.42cm (4.76" x 2.83" x 0.95"), W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx.
ACCESSORIES:	Power supply.